

ABSTRACT OF THE DISCLOSURE

A method of increasing the gas transmission rate of a packaging film comprises providing a packaging film that comprises at least about 0.001 weight % of single-walled carbon nanotube material based on the weight of the film. The packaging film is exposed to an amount
5 of radiation energy effective to increase the oxygen transmission rate of the packaging film by at least about 100 cc (STP)/m². day (1 atm, 0% RH, 23°C).